Patent for Cow Urine Distillate

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Will the Minister of SCIENCE AND TECHNOLOGY be pleased to state:

(a) whether the United States has granted a patent to a product which contains distilled portions from pure cow urine and increases the activity of antibiotics, anti-fungal agents and anti-cancer drugs;

(b) if so, the names of institutions which helped in research work of this project;

(c) the number of scientists who worked on this project;

(d) on which drugs experiments were carried; and

(e) whether Government have acclaimed it as a major breakthrough?

THE MINISTER OF SCIENCE AND TECHNOLOGY (DR. MURLI MANOHAR JOSHI): (a) A US patent bearing no. 6,410,059 has been granted to Council of Scientific & Industrial Research (CSIR) for a pharmaceutical composition containing a fraction of cow urine distillate and an antibiotic. The composition enhances the bioactivity of anti-cancer drug taxol and also shows the enhancement of anti microbial activity of ampicillin and rifampicin towards gram positive and gram negative bacteria.

(b) Central Institute of Medicinal & Aromatic Plants (CIMAP), Lucknow, a constituent laboratory of CSIR and Go-Vigyan Anusandhan Kendra (GVAK), Nagpur were involved in the aforesaid research work.

(c) Fifteen scientists were involved in the project.

(d) The experiments were carried out on anti-bacterial namely ampicillin, rifampicin, isoniazid; and-fungal like clotrimazole and anti-cancerous compound taxol.

(e) The innovation shows a fraction of the cow urine distillate in combination with antibiotic as also with taxol demostrates bioenhancement activity.